## Title

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit : Unknown

Examiner: Unknown

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: ELECTRO-OPTICAL DEVICE AND DRIVING METHOD OF THE SAME

Commissioner for Patents Washington, D.C. 20231

Applicant: Jun Koyama

Serial No.: Unassigned

## PRELIMINARY AMENDMENT

Prior to examination, please amend the application as follows:

## In the claims:

Amend claims 3-5, 8-13, 18 and 19 as follows:

3. A light-emitting device having a plurality of pixels, each of said plurality of pixels comprising:

a source signal line, n (n is a natural number,  $2 \le n$ ) writing gate signal lines, n reading gate signal lines, n writing transistors, n reading transistors, h x m memory circuits for storing nbit digital image signals for m frames (m is a natural number,  $1 \le m$ ), n writing memory circuit selection portions, n reading memory circuit selection portions, a current supply line, an EL driving transistor, and an EL element, wherein:

gate electrodes of said n writing transistors are electrically connected to different ones of said n writing gate signal lines, one of a source region and a drain region of each of said n writing transistors is electrically connected to said source signal line, and the other of the source region and the drain region of each of said n writing transistors is electrically connected to signal input portions of said n writing memory circuit selection portions;

each of said n writing memory circuit election portions includes m signal output portions, with said m signal output portions/being respectively electrically connected to signal input portions of different memory circuits;

each of said n reading memory cifcuit selection portions includes m signal input portions, with said m signal input portions being respectively electrically connected to signal output portions of different memory circuits; and

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